LEGACY CHAIR
MODEL N TYPE II DENTAL OPERATING CHAIR
SPECIFICATIONS

Description

The Legacy Chair is a dental operating chair designed for the general dentistry market.

The chair is a knee break design (bends at patient's knees) consisting of a seat to support the buttocks and upper legs, a legrest to support the lower legs, a footrest to support the feet and a contoured backrest to support the patient's back. The chair moves in a synchronized motion where the pivot point connecting the seat to the backrest corresponds to the patient's hip joint and the pivot point connecting the seat to the legrest corresponds to the patient's knee joints.

Space Requirements

The chair is 69.0" long and 25.5" wide in the reclined position (supine) and rests on a 3/8" thick, 34" long, 24" wide steel base plate. The plate has two holes for securing the chair to the floor if required. The chair lifts to a maximum height of 63.0" when in the upright position (Refer to the illustration for detailed dimensions and space requirements).

Mechanics

The chair is raised or lowered into the desired position using either the foot control or chairback membrane switches (touch pad). If a Knight unit is mounted to the chair, the chair may also be controlled by the unit mounted chair control.

The chair controls operate two electric motors in the chair. One motor controls the vertical movement of the entire chair by moving the chair base with a cantilevered action up 13" and forward 4.5". The other motor controls the movement of the chairback, legrest and foot platform from a seated position (upright) to a reclined position (supine). Both motors can be operated simultaneously using the chair controls and provide the chair with a maximum lifting capacity of 500 pounds.

All chair controls have an automatic exit position (yellow) and can be programmed for an automatic operate position (green). Automatic functions will be stopped immediately by operating any chair control or by pushing the safety bail located on the underside of the cantilevered lift arm.

The chair can be rotated on its base plate by releasing the rotation lock (foot lever) and turning the chair left or right. The chair rotates 360° and is locked in place with the foot operated rotation lock.

By lifting up and out on the armrests, they swing out 90° to allow patient access and assistance. After seating the patient, the armrests are rotated back into position.

The headrest is a thin upholstered platform (0.9") with an upholstered magnetic cushion. The magnetic cushion can be moved about on the platform to position the patient's head. The headrest is adjustable by sliding the tang in and out of the chairback and can be completely removed to allow insertion of other styles of headrest which are available.

Electrical

The chair is available in 120 vac and 240 vac models.

The rating and requirements for the 120 vac model are 8 amps and 50/60 Hz. The 120 vac power cord is 16 Awg 3 conductor grey jacket SJT terminated with a hospital grade grounded plug. The cord length is 8'.

The rating and requirements for the 240 vac model are 4 amps and 50/60 Hz. The 240 vac power cord is 1.00 mm^2 3 conductor black jacket European color coded. The cord length is 8'.

Upholstery

The upholstery covers seven chair pieces; headrest platform, magnetic cushion, chairseat, legrest, chairback and two armrests. It is seamless vacuum formed MORBERN vinyl with 100% polyester loop knit backing and anti-static slip finish and varies only by the color selected at the time of purchase.

The upholstery is very durable and easily cleaned using mild non-abrasive soap. It will withstand over

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30,000 double cycles using the Wyzenbeek steel wire screen wear test method and is cold crack resistant to -25°F.

MORBEN products meet the following flammability specifications: Federal Specifications CCC-A-680A; FMVSS-302; UFAC Class 1; FAA, FAR 25.853; Boston Fire Code; BIFMA; California Flammability Regulation 117-75, Section E.

Accessories

The chair is available with various accessories which include: The magnetic articulating headrest, the double articulating headrest, pediatric headrest, magnetic headrest with wrist rest and adjustable IV armboard.

Metal and Plastic Surfaces

All exposed metal surfaces are either zinc plated or painted Sterling Gray color (RAL7035) with polyester/epoxy blend powder coat. The plastic surfaces are vacuum formed Acrylic capped ABS colored Sterling Gray and are fire rated under UL Classification 94V-1 & 94V-0.

Codes

The Legacy Chair model N Type II is ETL listed and conforms to UL STD. 544 and is certified to CAN/CSA - C22.2. The 240 vac chair is tested to CE standard.